



## A22 Highway viaducts. Stretch Lagos-Lagoa-Alcantarilha

Algarve, Portugal / 2001-2003

Structural type  
Characteristics  
Scope

Precast concrete U-girder decks  
Continuous deck with 2nd phase posttensioning seismic dampers  
detailed design



Detailed design of 11 viaducts, 30 overpasses or underpasses and a cut-and-cover tunnel. The deck typology of the viaducts includes 2 precast concrete U-beams, which are subsequently continued by means of post-tensioning with high yield bars. The viaducts have dampers in the abutments to dissipate seismic forces.



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